## Docket No. 217 - Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** March 23, 2006

Inspector: Don Ukers

Location: 345kV Underground Route

Storm/

Rain Event: Only a trace of precipitation was recorded since the previous inspection as reported

by NOAA.

Areas of Inspection	Observation	Recommended Action	<b>Corrected Action</b>
Vault Openings and Trench Construction	- An open vault excavation remains near Wilton Corporate Park on Rt. 7. 3/9-3/23/06	- Some attention is needed here. See erosion control section. 3/23/06	
	- Several areas of bare soil were present along Rt. 7 but other construction projects are also ongoing. 2/2-3/23/06	- Continue providing good "house- keeping" along the roadways. Restoration will be required when work is completed. 2/2-3/23/06	- N/A until the growing season Some areas of hydroseed were noted.
	- Pipe was being delivered to the site at School Rd. The site was graded as temporary stabilization. 3/23/06	- Further restoration will be necessary after the adjacent work is complete. See additional sections for more details. 3/23/06	-N/A until work is complete
	-Trenching will be continuing here in the near future to link up the project. 3/9-3/23/06	- None at this time. 3/23/06	-N/A
	- Work also continues near the Georgetown Deli on Rt. 107. 3/9-3/23/06	- Some attention is needed here. See erosion controls section for more details. 3/23/06	
	- Crews continue active trenching and pipe installation along Umpawaug Rd. 3/9-3/23/06	- See other sections for more details. 3/23/06	-N/A

Areas of Inspection	Observation	Recommended Action	<b>Corrected Action</b>
	- Crews continued work at the intersection of the Archers Lane transition station access drive and Diamond Hill Rd. 3/23/06	- The work remains contained to the access drive but watch sediment build up along the stonewall. 3/9-3/23/06	- N/A until restoration
Erosion and Sediment (E&S) Controls	- The silt fence at the old high school J&B site remains in fairly good shape but is starting to come down at the culvert. 3/9-3/23/06	- Controls should be maintained as long until the area is fully stabilized. The whole work site will need restoration 3/23/06	
Route 7	- Stone and haybales remaining on the outlet slope will still need to be removed for final stabilization. 1/19-3/23/06	-The remaining instream controls will also need to be removed once the slope has been restored. 1/26-3/23/06	
	- At the HDD, controls remain well in place and work will resume in the area soon. 3/23/06	- Final restoration will occur when the work in the area is complete. 3/23/06	- This will likely not occur until trenching is complete in this area
	- Vegetation was affected and soil within the wetland was disturbed from the breakout repair. This is in the area beyond the basin and controls. 2/9-3/23/06	- A restoration plan should be proposed and implemented and may include some plantings. In the meantime, disturbed soil is temporarily controlled by silt fence. 3/9-3/23/06	- Plan to attend to this in the growing season
	-The combination of offsite dewatering and muds from the site led to sediment accumulation in the wetland beyond the check dams and to the east of the basin. 2/16-3/23/06	-The accumulated sediment should be removed as soon as feasible and prior to the growing season. 3/9-3/23/06	- Needs to be done when conditions are stable
	- The exit point of the bore remains set up with erosion controls along the perimeter of the area. 2/22-3/23/06	- Continue to monitor erosion controls until the connecting work can occur. 3/23/06	- N/A at this time
	- While the area is well controlled now, an earlier breakout resulted in sedimentation to an area of ponded water down	- Contractors are waiting until the water recedes in order to go in and remove the sediment. 2/16-	

Areas of Inspection	Observation	Recommended Action	<b>Corrected Action</b>
	gradient of the return site near the railroad tracks. 1/26-3/23/06	3/23/06	
Erosion and Sediment (E&S) Controls  Route 7 continued	- The storage area near #848 (Rt.7) is still highly utilized. 1/4-3/23/06 - Machinery was also noted closer to the wetlands than necessary. 3/9-3/23/06 - Landowner activities here are also directly affecting	- Continue to monitor activity in here. Watch placement of project materials and equipment in the vicinity of the surrounding swale. 12/8-3/23/06  -This is outside of project	- N/A
	wetlands, including placing sediment closer to the wetland swales. 3/15-3/23/06  -Protection measures should be installed at the storm inlet in Racquet club since work is in proximity. 2/2-3/23/06	- Water from the street seems to be more of an issue than water from the site but controls would still be appropriate. 3/2-3/23/06	
	- Ruts from equipment access had been noted in the island at the Rt. 107 & 7 intersection leading to sedimentation near an inlet. 2/2-3/23/06	- Protect catch basins here and restore the island. 3/23/06	
	- An open vault excavation remains at Wilton Corp Park. A stockpile is adjacent to the roadway and has been noted for several weeks. 3/9-3/23/06	- Remove the pile or install controls at the base. 3/3/9-3/23/06	
Rt. 107 Daywork	- At the Georgetown Deli, trenching is finishing up to the J&B site but an area of silt fence to the north was down once again. 3/23/06	-Maintain controls until the area is fully stabilized. 3/23/06	
	- A small stockpile was noted here in the parking lot beyond the silt fence. 3/9- 3/23/06	- Controls should be extended or this pile should be removed. 3/9-3/23/06	

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Umpawaug Rd.	- A stockpile and small storage yard remain in place.	- Remember to restore these areas when feasible 2/2-3/23/06	- N/A at this time
	- Active trenching and pipe installation continues along Umpawaug. Soil was stockpiled but was set to be backfilled by the end of each day. 3/23/06	- Make sure soil is returned daily to the trench. Monitor adjacent erosion controls. 3/23/06	- N/A at this time
	- Make sure erosion controls are in good shape prior to sawcutting anywhere that work will return. 2/22/06-3/23/06	- Remember to protect all inlets and drainage swales along the road as work resumes in an adjacent area. 2/22-3/23/06	
Adjacent Wetlands and Waterways	-At the jack and bore near Allens Meadow Park, the outlet slope will need final restoration. 1/19-3/23/06	-Plan to remove stone and haybales and instream controls for final restoration. 1/19-3/23/06	
	-The breakout described at the HDD resulted in direct access and impact to the wetland beyond the basin in order to contain the muds. 2/9-3/23/06	- A restoration plan should be implemented for the wetlands beyond the basin, potentially including plantings in the spring. 2/16-3/23/06	
	- Wetlands directly to the east of the basin also have sediment accumulation that will require removal. 1/19-3/23/06	- Sediment buildup should be removed where it is thicker than an inch. This should be done before the growing season. 3/9- 3/23/06	
	-Combination of non- project related offsite dewatering and issues with controlling the muds has led to sedimentation to the wetlands past the controls and check dam. 2/22- 3/23/06	- When conditions are stable, sediment will need to be carefully removed by hand. This should occur before the growing season. 2/22-3/23/06	
Staging, Storage, and Parking Areas	- The equipment storage yard on the property south of the Rt. 7 &107 intersection was mostly contained. 1/26-3/23/06	- In general, materials should be placed appropriately in storage areas or immediately adjacent to work each night. No potentially	-N/A

Areas of Inspection	Observation	Recommended Action	Corrected Action
	- Stone piles and machinery are being placed increasingly closer to the surrounding wetland swales. 1/26-3/15/06 - This is mostly due to landowner activities. 3/15-3/23/06 - The racquet club storage yard has piles of stone and soil. Protective measures still need to be placed in the inlet/swale here. 2/2-3/23/06	spillable materials should be left behind.  - Equipment should not be placed near resource areas. 3/9-3/23/06  - Keep within the limits of the yard and don't encroach into the brush. 10/27-3/23/06 Install haybales at the culvert within the swale. 2/2-3/23/06	
Soils	- Most soils on roadways on the project route are being trucked to a waste facility in Danbury for storage and eventual disposal. Soils off roadway can be returned to the trench.	- Soils appear to be handled appropriately. 3/23/06 - Continue to make sure stockpiles are backfilled to the trench by the end of each day. 2/2-3/23/06	N/A at this time
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	- Now that weather is getting warmer, restoration/stabilization attempts at a number of bare roadside areas should occur. 3/23/06  - Some erosion was noted in previously restored areas such as near Scribner Hill	- Attend to disturbed areas as feasible in the appropriate time frames. 11/10-3/23/06 -Other utility projects are ongoing as well which often undoes some of the effortsRepair erosion in these areas in the spring when the area can stabilize. 1/4-	Some areas of hydroseed were noted and restoration is planned.
Dewatering	Rd. 1/4-3/23/06  - No major dewatering efforts were noted 3/23/06	3/23/06 - See other sections for details. 3/23/06	
Blasting	- No blasting is occurring on site at this time.	- None at this time.	

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Spills and Material Storage	- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 3/23/06	- The contractors should remain vigilant about securing and handling fuel containers Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site Check equipment status on a regular basis and keep spill kits on hand Report spills immediately, even if they are being controlled.	-N/A
Additional Observations			

Next likely scheduled	
inspection:	Wednesday March 29, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden for Don U	)kers
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345kV (Archers Lane): Photo shows the trench work continuing at the end of the access drive to the transition station. Watch placement of materials and sediment along the stone wall. 3/23/06





Photo on the left shows some materials placed over the silt fence along the drive to the station. Watch placement of equipment and materials. Photo on the right shows the restored bank at Georgetown Deli still in good shape. 3/23/06



345kV (Rt 107) Photo shows an overview of the area north of Georgetown Deli where some silt fence was down. Controls should be maintained until the area is fully stabilized. 3/23/06



Photo on the left shows a close up of an areas where the silt fence is down. Photo on the right shows a small stockpile by the deli where silt fence still needs to be extended to encompass the pile. 3/23/06



345kV(HDD): The photo shows a view of the HDD site after being regraded where pipe was being delivered. 3/23/06



Photo shows another overview of the HDD site where trenching will re-commence soon. 3/23/06